

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A method of destroying documents comprising:

supplying the documents including protected health information to an apparatus adapted to shred documents and medical waste, the apparatus having little or no liquid effluent and little or no toxic air emissions;

shredding the documents including protected health information in the apparatus, wherein the apparatus includes a first chamber including at least one microwave source and a second temperature maintenance chamber configured to receive the shredded documents including protected health information, the second temperature maintenance chamber including at least one radiation source comprising at least one of a microwave source, an infrared heat source, an X-ray heat source, and an ultraviolet source, the second temperature maintenance chamber further including an ozone generating electrode inserted into the second temperature maintenance chamber; and

discharging the shredded documents from the apparatus.

2. (Original) The method of claim 1, wherein the documents include protected health information.

3. (Original) The method of claim 2, wherein protected health information comprises demographic data that identifies an individual or for which there is a reasonable

basis to believe said data can be used to identify the individual.

4. (Original) The method of claim 3, wherein the demographic data comprises: the individual's physical health, mental health, or medical condition; or health care services requested by, sought by, recommended to, administered to, and/or prescribed to the individual; or the billing records for the provision of health care to the individual.

5. (Original) The method of claim 3, wherein the demographic data comprises: names, geographic subdivisions smaller than a state, elements of dates for dates directly related to the individual, telephone numbers, fax numbers, electronic mail addresses, social security numbers, medical record numbers, health plan beneficiary numbers, account numbers, certificate/license numbers, vehicle identifiers and serial numbers, license plate numbers, device identifiers and serial numbers, web universal resource locators, internet protocol address numbers, biometric identifiers, or full face photographic images.

6. (Original) The method of claim 5, wherein geographic subdivisions smaller than a state includes street address, city, county, precinct, zip code, or their equivalent geocodes.

7. (Original) The method of claim 5, wherein elements of dates includes birth date, admission date, discharge date, date of death and age.

8. (Original) The method of claim 5, wherein biometric identifiers includes finger or voice prints.

9. (Original) The method of claim 1, further comprising supplying medical waste to the apparatus, prior to, concurrent with, or after supplying the documents.

10. (Original) The method of claim 9, further comprising mixing the documents with the medical waste in the apparatus.

11. (Original) The method of claim 10, wherein the medical waste comprises, pathological waste, sharps, bandages, rags, body fluids, cultures, stocks of etiological agents, IV bags, medicine bottles, diseased animal carcasses, diseased human bodies, or natural disaster victims.

12. (Original) The method of claim 1, further comprising mixing the documents with contaminated food in the apparatus.

13. (Original) The method of claim 1, further comprising mixing the documents with illegal drugs or expired pharmaceuticals.

14. (Original) The method of claim 1, further comprising the step of spraying the documents with water to moisten them.

15. (Original) The method of claim 14, further comprising heating the moistened documents with microwaves.

16. (Original) The method of claim 15, further comprising heating the moistened documents with conductive heat, or infrared heat.

17. (Original) The method of claim 15, further comprising preheating the documents prior to shredding.

Claims 18 and 19 (Canceled).

20. (Original) The method of claim 15, further comprising maintaining the documents in a temperature maintenance chamber at a sufficient temperature for a sufficient amount of time to kill or destroy little or all germs, bacteria, and viruses thereon.

21. (Original) The method of claim 1, further comprising compacting the shredded documents after the step of discharging the shredded documents from the shredding apparatus.

22. (Original) The method of claim 1, wherein the discharge from the shredding apparatus is suitable for landfill or recycling without additional treatment.

Canceled 23-25.